UNJIOGT

Base Product



M-Series Modular Jack, RJ45, Cat6A Unshielded

1,000 Vac @ 60 Hz

Product Classification

Regional Availability	North America
Portfolio	Uniprise®
Product Type	Modular jack
Product Series	UNJ Series
General Specifications	
ANSI/TIA Category	6A
Cable Type	Unshielded
Conductor Type	Solid Stranded
Integrated Dust Cover Type	None
Termination Type	IDC
Wiring	T568A T568B
Dimensions	
Height	20.32 mm 0.8 in
Width	20.32 mm 0.8 in
Depth	30.48 mm 1.2 in
Compatible Conductor Gauge, solid	24-22 AWG
Compatible Conductor Gauge, stranded	26-24 AWG
Electrical Specifications	
Contact Resistance Variation, maximum	20 mOhm
Contact Resistance, maximum	100 mOhm
Current Rating at Temperature	1.5 A @ 20 °C 1.5 A @ 68 °F
Dielectric Withstand Voltage, RMS, conductive surface	1,500 Vac @ 60 Hz

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Dielectric Withstand Voltage, RMS, contact-to-contact



UNJIOGT

Insulation Resistance, minimum PoE Durability

Material Specifications

Contact Plating Material Material Type Termination Contact Plating

Mechanical Specifications

Plug Retention Force, minimum Plug to Jack Mating Cycles

500 MOhm

Supports IEEE 802.3bt Type 4 (90 W) applications greater than 3000 plug to jack mating cycles

Precious metals

Copper alloy | High-impact, flame retardant, thermoplastic Nickel

133 N | 29.9 lbf Complies to IEC 60603-7 series

Environmental Specifications

Operating Temperature	-10 °C to +60 °C (+14 °F to +140 °F)
Storage Temperature	-40 °C to +70 °C (-40 °F to +158 °F)
Relative Humidity	Up to 95%, non-condensing
Flammability Rating	UL 94 V-0
Safety Standard	UL cUL

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